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TITLE: DISPLAY DATA CONVERTER

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signal processing only

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ABSTRACT:

    PURPOSE: To reduce uneven coloring in the horizontal direction by minimizing
a memory capacity of a memory of a display data converter.

    CONSTITUTION: Display data comprising one-set of R data 101, G data 102 and
B data 103 are converted into a luminance signal 104 and color difference
signals 107, 108, a vertical direction filter means provides correlation to a
luminance between lines of only the luminance signal 104 and only the luminance
signal is stored in a display data converter 100 as display data. Thus, the
increase in the capacity of the memory is suppressed. Furthermore, a
horizontal direction filter means 6 provides correlation to the color
difference signals 107, 108 in the horizontal direction to reduce the uneven
coloring in the horizontal direction.